

IN THE CLAIMS

Please add/delete/amend the claims as follows:

1. (Currently amended.) A gasoline-oxygenate blend, suitable for combustion in an automotive engine, having the following properties:
 - (a) a Dry Vapor Pressure Equivalent less than about ~~7.1~~ 7.2 PSI; and
 - (b) an alcohol content which is greater than about 5.8 5.0 volume percent but less than or equal to 10 volume percent.
2. (Original.) The blend of Claim 1 wherein the blend has a 50% distillation point less than about 195°F.
3. (Original.) The blend of Claim 1 wherein the blend has a 10% distillation point less than about 126°F.
4. (Original.) The blend of Claim 1 wherein the blend has an anti-knock index greater than or equal to about 89.
5. (Original.) The blend of Claim 1 wherein the blend is capable of reducing toxic air pollutants emissions by more than about 21.5%.
6. (Original.) The blend of Claim 5 wherein the blend is capable of reducing

toxic air pollutants emissions by more than about 30%.

7. (Original.) The blend of Claim 1 wherein the blend has an oxygen weight percent that is greater than about 1.8 weight percent.

8. (Original.) The blend of Claim 1 wherein the blend contains ethanol.

9. (Original.) The blend of Claim 1 wherein the blend contains essentially no methyl t-butyl ether.

10. (Currently amended.) A gasoline-oxygenate blend, suitable for combustion in an automotive engine, comprising at least two hydrocarbon streams and an oxygenate stream consisting essentially of an alcohol and ~~having the following properties:~~

(a)——a Dry Vapor Pressure Equivalent less than about 7.2 PSI; and

(b)——an alcohol content greater than about ~~9.6~~ 5.0 volume percent

11. (Original.) The blend of Claim 10 wherein the blend has a 50% distillation point less than about 178°F.

12. (Original.) The blend of Claim 10 wherein the blend has a 10% distillation

point less than about 123°F.

13. (Original.) The blend of Claim 10 wherein the blend has an anti-knock index greater than about 89.

14. (Original.) The blend of Claim 10 wherein the blend is capable of reducing toxic air pollutants emissions by more than about 21.5%.

15. (Original.) The blend of Claim 10 wherein the blend has an oxygen weight percent that is greater than about 1.8 weight percent.

16. (Currently amended.) The blend of Claim 10 wherein the ~~blend~~ oxygenate stream contains ethanol.

17. (Currently amended.) The blend of Claim 10 wherein the blend contains less than or equal to 10 volume percent of alcohol ~~essentially no methyl t-butyl ether~~.

18. (Currently amended.) A gasoline-oxygenate blend, suitable for combustion in an automotive engine having the following properties:

- (a) a Dry Vapor Pressure Equivalent less than about ~~7~~ 7.2 PSI; and
- (b) an alcohol content greater than about 5.0 volume percent

wherein the benzene content of the blend is greater than 0.27 volume percent.

19. (Original.) The blend of Claim 18 wherein the blend has a 50% distillation point less than about 250°F.

20. (Original.) The blend of Claim 18 wherein the blend has a 10% distillation point less than about 158°F.

21. (Original.) The blend of Claim 18 wherein the blend contains ethanol.

22. (Original.) The blend of Claim 18 wherein the blend contains essentially no methyl t-butyl ether.

23. (Currently amended.) A process for preparing a gasoline-oxygenate blend comprising combining a blend of hydrocarbons with a stream consisting essentially of an alcohol, wherein the resulting gasoline-oxygenate blend has the following properties:

(a) a Dry Vapor Pressure Equivalent less than about ~~7.1~~ 7.2 PSI; and

(b) an alcohol content greater than about ~~5.8~~ 5.0 volume percent.

24. (Previously presented.) The process of Claim 23 wherein the alcohol is ethanol.

25. (Original.) The process of Claim 23 wherein the resulting blend contains essentially no methyl t-butyl ether.

26. (Currently amended.) A process for preparing a gasoline-oxygenate blend comprising combining a blend of hydrocarbons with an alcohol, wherein the resulting gasoline-oxygenate blend has the following properties:

(a) — a Dry Vapor Pressure Equivalent less than about ~~7.0~~ 7.2 PSI; and

(b) — an alcohol content ~~greater than about 5.0~~ less than or equal to 10 volume percent.

27. (Previously presented.) The process of Claim 26 wherein the alcohol is ethanol.

28. (Original.) The process of Claim 26 further comprising introducing ethanol during the blending.

29. (Original.) The process of Claim 26 wherein the resulting gasoline-oxygenate blend contains essentially no methyl t-butyl ether.

30. (New.) A gasoline-oxygenate blend, suitable for combustion in an automotive engine having the following properties:

(a) a Dry Vapor Pressure Equivalent less than about 7.2 PSI; and
(b) an alcohol content greater than about 5.0 volume percent
wherein the aromatic content of the blend is greater than 16.76 volume percent.

31. (New.) The blend of Claim 30 wherein the blend has a 50% distillation point less than about 250°F.

32. (New.) The blend of Claim 30 wherein the blend has a 10% distillation point less than about 158°F.

33. (New.) The blend of Claim 30 wherein the blend contains ethanol.

34. (New.) A gasoline-oxygenate blend, suitable for combustion in an automotive engine having the following properties:

(a) a Dry Vapor Pressure Equivalent less than about 7.2 PSI; and
(b) an alcohol content greater than about 5.0 volume percent
wherein the olefin content of the blend is greater than 1.15 volume percent.

35. (New.) The blend of Claim 34 wherein the blend has a 50% distillation point less than about 250°F.

36. (New.) The blend of Claim 34 wherein the blend has a 10% distillation point less than about 158°F.

37. (New.) The blend of Claim 34 wherein the blend contains ethanol.

38. (New.) A process for preparing a gasoline-oxygenate blend which comprises adjusting a hydrocarbon base fuel having a Dry Vapor Pressure Equivalent greater than or equal to 5.3 PSI with an alcohol, wherein the Dry Vapor Pressure Equivalent of the gasoline-oxygenate blend is not greater than 7.2 PSI and further wherein the alcohol content of the gasoline-oxygenate blend is greater than about 5.0 volume percent.

39. (New.) The process of Claim 38 wherein the alcohol is ethanol.

40. (New.) The process of Claim 38 wherein the resulting gasoline-oxygenate blend contains essentially no methyl t-butyl ether.